

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                 |   |                              |
|---------------------------------|---|------------------------------|
| In Re Application of:           | ) |                              |
|                                 | ) |                              |
| Tsann LIN et al.                | ) | Group Art Unit: TBA          |
|                                 | ) |                              |
| Serial No.: TBA                 | ) |                              |
|                                 | ) | Examiner: TBA                |
| Filed: June 30, 2003            | ) |                              |
|                                 | ) |                              |
| For: USE OF SHUNT RESISTOR WITH | ) | Atty Dkt No. HSJ920030019US1 |
| LARGE RA PRODUCT TUNNEL         | ) |                              |
| BARRIERS                        | ) |                              |

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

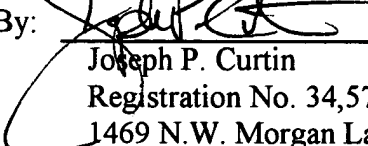
Pursuant to 37 C.F.R. § 1.56 and in compliance with 37 C.F.R. § 1.97(b), Applicant submits herewith a Form PTO-1449 listing a patent for consideration in connection with the above-identified application. A copy of the patent is provided herewith.

Applicant respectfully requests that the Examiner consider and enter these documents into the file of the above-identified application. If any additional fee is deemed necessary, the Commissioner is authorized to charge Deposit Account No. 50-2587.

A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit Deposit Account No. 50-2587 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.

Respectfully submitted,

Dated: June 30, 2003

By:   
\_\_\_\_\_  
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Approved for use through 10/31/2002. OMB 0651-0031

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|----------------------------------------------------------------------------------------------------------|---|----|---|--------------------------|-----------------|
| Substitute for form 1449A/PTO                                                                            |   |    |   | <i>Compleat if Kn wn</i> |                 |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | Application Number       | TBA             |
|                                                                                                          |   |    |   | Filing Date              | June 30, 2003   |
|                                                                                                          |   |    |   | First Named Inventor     | Tsann LIN       |
|                                                                                                          |   |    |   | Art Unit                 | TBA             |
|                                                                                                          |   |    |   | Examiner Name            | TBA             |
|                                                                                                          |   |    |   | Attorney Docket Number   | HSJ920030019US1 |
| Sheet                                                                                                    | 1 | of | 1 |                          |                 |

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|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.